

CLAIMS

What is claimed is:

1.A mouse device with multimedia hotkeys comprising:
a mouse body;

5 a plurality of input portions for detecting movement of the
mouse body and selecting computer functions by depressing the
input portions;

a mouse motion tracking mechanism for moving the mouse body;

a circuit board for controlling operations of the mouse device;

10 a periphery interface for transmitting data processed by the
circuit board to a computer; and

at least one multimedia hotkey mounted on the mouse body;

15 wherein when the multimedia hotkey is depressed, the data will
be encoded by the circuit board and transmitted to the computer
through the periphery interface, thereafter an associated
multimedia program is executed.

20 2.The mouse device of claim 1 wherein the input portion comprises
at least one general function key.

3.The mouse device of claim 1 wherein input portion further
comprises a wheel axis.

25 4. The mouse device of claim 1 wherein the mouse motion tracking
mechanism is a wheel ball with IR_PTR function, or an optical
lens and sensor.

5. The mouse device of claim 1 wherein the periphery interface
is a serial type, PS2, or USB connector.

30 6. The mouse device of claim 1 wherein the periphery interface
is a wired or wireless interface.